Attorney Docket No. 5176

IAP20 Rec'd PCT/PTO 31 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: lan Taylor, et al.

Serial No.: [to be assigned]

National Stage Filing of PCT/US2004/034163

International Filing Date: 10/01/2004

Title: Gene Expression Profiles and Methods of Use

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

SUBMISSION OF SEQUENCE LISTING IN COMPUTER READABLE FORM PURSUANT TO 37 C.F.R. §1.821(e)

Dear Sir:

The following is submitted in support of a request under 35 U.S.C. 371(f):

- Sequence listing for the nucleotide and/or amino acid sequences contained in the application.
 Each sequence is assigned a separate sequence identifier as required in 37 C.F.R. §1.821(c) and 37 C.F.R. §§1.822 and 1.823.
- The sequence listing in computer readable form (compact disc) in accordance with the requirements of 37 C.F.R. §§1.821(e) and 1.824.
- The sequence listing information recorded in computer readable form is identical to the written sequence listing labeled "Copy 1" and "Copy 2" (37 C.F.R. 1.821(f)).

Respectfully submitted,

Susan M. Pellegrino Reg. No.: 48,972

Attorney for Applicant(s)

Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, CT 06516 Telephone: (203) 812-6450 Facsimile: (203) 812-6459

01574398

PATENT

IAP20 Rec'd PCT/PTO 31 MAR 2006 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ian Taylor, et al.

Serial No.: [to be assigned] - National Stage Filing of PCT/US2004/034163

Title: Gene Expression Profiles and Methods of Use

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

COMPACT DISC TRANSMITTAL SHEET FOR SUBMISSION OF SEQUENCE LISTING PURSUANT TO 37 C.F.R. § 1.821(c)

Dear Sir or Madam:

Applicants have elected, under the provisions of 37 C.F.R. § 1.821(c), to file the nucleotide/amino acid sequence listing part of the description of this application on electronic medium (compact disc).

Pursuant to 37 C.F.R. §1.52(e)(4) the compact disc is submitted in duplicate. The two (2) compact discs, labeled "Copy 1" and "Copy 2", are identical.

The following information is provided in compliance with 37 C.F.R. §1.52(e) for each compact disc submitted herewith:

- 1) Machine Format: MS-Windows
- 2) Operating System: Patentin Ver. 3.3
- 3) Files contained on each compact disc:
 - Name of file: 5176.ST25.txt
 - Size of file: 1,740 KB
 - Date of file: 03/18/2006

Respectfully submitted,

Reg. No.: 48,972

Attorney for Applicant(s)

Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, CT 06516 Telephone: (203) 812-6450

Facsimile: (203) 812-6459